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TITLE: METHOD, DEVICE AND PROGRAM FOR EVALUATING PROJECTED PICTURE, AND COMPUTER READABLE RECORDING MEDIUM RECORDED WITH THE PROGRAM

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ABSTRACT:

PROBLEM TO BE SOLVED: To provide a method for evaluating a projected picture, which can quantitatively evaluate luminance spots of the projected picture.

SOLUTION: A measurement area of a projected picture P is picked up by a black-and-white CCD camera 6 to acquire a projected picture image. A square area of the projected picture **image is divided** into a plurality of split **areas, and a luminance** of each split area is measured by a function of a luminance measurement means of a computer 8. Luminance ratios of **adjacent** split areas are obtained. Luminance spots of the projected picture P are digitized as luminance spot values by a function of a calculation means of the computer 8. Evaluation of luminance spots is automatically and quantitatively obtained as luminance spot values independently of measurer's eyes. An influence of local luminance spots of the projected picture P upon luminance spot values of the projected picture P. Evaluation obtained for luminance spots can be approximated to evaluation at the time of measurer's functional examination.

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